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PTO/SB/21 (02-04)

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**TRANSMITTAL
FORM**

(to be used for all correspondence after initial filing)

Application Number	10/763,740
Filing Date	January 23, 2004
First Named Inventor	Dubinsky et al.
Art Unit	2635
Examiner Name	
Attorney Docket Number	414-23747-USCP

Total Number of Pages in This Submission

4

ENCLOSURES (Check all that apply)

<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance communication to Technology Center (TC)
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Terminal Disclaimer	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Request for Refund	1) PTO Form 1449 with 6 references
<input checked="" type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> CD, Number of CD(s) _____	2) Return Postcard
<input type="checkbox"/> Certified Copy of Priority Document(s)	Remarks	
<input type="checkbox"/> Response to Missing Parts/Incomplete Application	The Commissioner is authorized to charge any under payment or credit any over payment deemed associated with this communication to Deposit Account No. 02-0429 (414-23747-USCP)	
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	William E. Schmidt, Reg. No. 47,064
Signature	
Date	September 8, 2004

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I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.			
Typed or printed name	Naghma Hall		
Signature		Date	September 8, 2004

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Naghma Hall

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: Dubinsky et al.

§

Art Unit: 2635

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SERIAL NO.: 10/763,740

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FILED: January 23, 2004

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Atty Docket No.: 414-23747-USCP

§

TITLE: Method and Apparatus For
Generating Acoustic Signals For
LWD Shear Velocity Measurement

§

§

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Commissioner for Patents
P.O. Box 1450
Alexandria , VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Dear Sir:


In compliance with the duty of disclosure under 37 C.F.R. § 1.56, it is respectfully requested that this Information Disclosure Statement be entered and the references listed on the attached Form PTO-1449 be considered by the Examiner and made of record.

This Information Disclosure Statement is not to be considered as a representation that a search has been made or that no other material information as defined under 37 C.F.R. § 1.56(a) exists. The Information Disclosure Statement transmitted herewith is being filed before the mailing date of the First Office Action on the merits.

The Commissioner is hereby authorized to charge any additional fees or credit any overpayment to Deposit Account No. 02-0429 (414-23747-USCP).

Respectfully submitted,

Dated: September 8, 2004


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INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

ATTY. DOCKET NO.

414-23747-USCP

SERIAL NO.

10/763,740

APPLICANT

Dubinsky et al.

FILING DATE

January 23, 2004

GROUP

2635

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	4,685,091	8/4/1987	Chung et al.			
	AB	4,932,003	6/5/1990	Winbow et al.			
	AC	4,951,267	8/21/1990	Chang et al.			
	AD	5,027,331	6/25/1991	Winbow et al.			
	AE	5,077,697	12/31/1991	Chang			
	AF	5,278,805	1/11/1994	Kimball			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	PUBL. DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AG	EP0778473A2	11.06.97	EPO			X	

OTHER DISCLOSURES (Including Author, Title, Date, Pertinent Pages of Publication, Etc.)

	AH	Andrew L. Kurkjian et al., <i>Acoustic Multipole Sources In Fluid-Filled Boreholes</i> , Geophysics, Vol. 51, No. 1, (January 1986), p.148-163.
	AI	S.T. Chen, <i>Shear-Wave Logging With Quadrupole Sources</i> , Geophysics, Vol. 54, No. 5, (May 1989), pp. 590-597.
	AJ	Chaur-Jain Hsu et al., <i>Mandrel Effects On The Dipole Flexural Mode In a Borehole</i> , J. Acoust. Soc. Am. 104 (4), October 1998, pp.2025-2039.
	AK	V.N. Rama Rao et al., <i>Models In LWD Applications</i> , MIT Earth Resources Laboratory Annual Report, 1999, pp. 5-1 to 5-14.
	AL	V.N. Rama Rao et al., <i>Acoustics Of Fluid-Filled Boreholes With Pipe: Guided Propagation and Radiation</i> , J. Acoust. Soc. Am. 105 (6), June 1999, pp. 3057-3066.

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line though citation if not in conformance and not considered. Include copy of this form with next comment to applicant

INFORMATION DISCLOSURE STATEMENT <i>(Use several sheets if necessary)</i>				ATTY. DOCKET NO.		SERIAL NO.	
				414-23747-USCP		10/763,740	
				APPLICANT Dubinsky et al.			
				FILING DATE		GROUP	
				January 23, 2004		2635	
U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	BA	5,510,582	4/23/1996	Birchak et al.			
	BB	5,796,677	8/18/1998	Kostek et al.			
	BC	5,831,934	11/3/1998	Gill et al.			
	BD	5,852,262	12/22/1998	Gill et al.			
	BE	5,852,587	12/22/1998	Kostek et al.			
	BF	5,936,913	8/10/1999	Gill et al.			
	BG	5,971,095	10/26/1999	Ozbek			
	BH	6,082,484	7/4/2000	Molz et al.			
	BI	6,084,826	7/4/2000	Leggett, III			
	BJ	6,366,531	4/2/2002	Varsamis et al.			
	BK	6,552,962	4/22/2003	Varsamis et al.			
	BL	6,631,327	10/7/2003	Hsu et al.			
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	PUBL. DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
							YES NO
OTHER DISCLOSURES (Including Author, Title, Date, Pertinent Pages of Publication, Etc.)							
EXAMINER				DATE CONSIDERED			
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